

LESSON

2-7

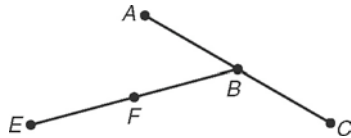
Challenge***Go with the Flow***

A **flowchart proof** is a visual representation of the deductive reasoning process. To write a flowchart proof, it may be helpful to first write a two-column proof.

1. Write a flowchart proof.

Given: $\overline{EF} \cong \overline{BC}$, B is the midpoint of \overline{AC} .

Prove: $\overline{EF} \cong \overline{AB}$



2. Write a flowchart proof.

Given: $\angle STV \cong \angle TVU$, $\angle STU \cong \angle UVS$

Prove: $\angle SVT \cong \angle UTV$

